



Rabbit Anti-AKIRIN2 antibody

SL9082R

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| Product Name: | AKIRIN2 |
| Chinese Name: | AKIRIN2蛋白抗体 |
| Alias: | AKIR2_HUMAN; AKIRIN 2; Akirin-2; Akirin2; C6orf166; dJ486L4.2; FBI1; FLJ10342; Fourteen three three beta interactant 1. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Sheep, |
| Applications: | ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 22kDa |
| Cellular localization: | The nucleus |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human AKIRIN2:51-150/203 |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| PubMed: | PubMed |
| Product Detail: | Required for the innate immune response. Downstream effector of the Toll-like receptor (TLR), TNF and IL-1 beta signaling pathways leading to the production of IL-6. Forms a complex with YWHAB that acts to repress transcription of DUSP1. Function: Required for the innate immune response. Downstream effector of the Toll-like receptor |

(TLR), TNF and IL-1 beta signaling pathways leading to the production of IL-6. Forms a complex with YWHAB that acts to repress transcription of DUSP1 (By similarity).

Subunit:

Interacts with YWHAB (By similarity).

Subcellular Location:

Nucleus

Tissue Specificity:

Widely expressed with the highest expression in peripheral blood leukocytes

Similarity:

Belongs to the akirin family.

SWISS:

Q53H80

Gene ID:

55122

Database links:

[Entrez Gene: 55122](#)Human

[Entrez Gene: 433693](#)Mouse

[Entrez Gene: 297968](#)Rat

[Omim: 615165](#)Human

[SwissProt: Q53H80](#)Human

[SwissProt: B1AXD8](#)Mouse

[SwissProt: Q25C79](#)Rat

[Unigene: 485915](#)Human

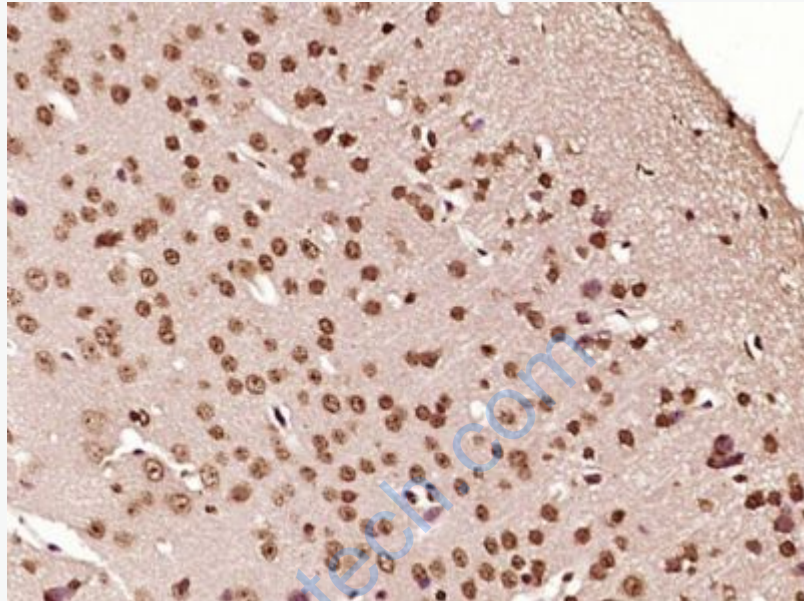
[Unigene: 389532](#)Mouse

[Unigene: 399624](#)Mouse

[Unigene: 3858](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (AKIRIN2) Polyclonal Antibody, Unconjugated (SL9082R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.